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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/735,392	12/12/2003	Hatem Hannawa	66138-0005	8983
10291 7590 09/06/2007 RADER, FISHMAN & GRAUER PLLC 39533 WOODWARD AVENUE SUITE 140 BLOOMFIELD HILLS, MI 48304-0610			EXAMINER SAFAVI, MICHAEL	
			ART UNIT 3637	PAPER NUMBER
			MAIL DATE 09/06/2007	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/735,392	<b>Applicant(s)</b> HANNAWA ET AL.	
	<b>Examiner</b> M. Safavi	<b>Art Unit</b> 3637	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --**

**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 21 June 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-5,8-11 and 33-35 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-5,8-11 and 33-35 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on June 21, 2007 has been entered.

### ***Information Disclosure Statement***

With respect to Applicants' remarks concerning the IDS of December 27, 2004, it is not apparent that any date printed upon the "international search report" is a date of publication of the "international search report". For non patent literature documents a date of publication must be provided as per 37 CFR 1.98(b)(5).

### ***Claim Objections***

Claim 35 is objected to because of the following informalities: In claim 35 "stands" should be --strands--. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**Claims 1, 3, 5, and 8-11 are rejected under 35 U.S.C. 103(a) as being unpatentable over Japanese reference 10-292624 (JP '624) in view of U.S. Patent No. 5,792,552 to Langkamp et al.**

JP '624 discloses, Figs. 3, 4, 9, and 12, a panel formed of fiber reinforced resin having a pattern in the form of recesses 4 with openings 8 therethrough and reinforcing matrix in the form of braces 3, 5, and 6, (**claims 1, 3, 5, and 8**). The recess of each pattern can be seen as extending more than approximately three-quarters of the total thickness of the form, (**claims 9 and 10**). At least one cavity "intersects one of the braces as can be seen in Figs. 4, 9, and 12, (e.g. lower 6 of Fig. 9 and lower 5 of Fig. 12 as well as lower 5 of Fig. 4 intersect with a cavity), (**claim 11**).

JP '624 does not appear to specifically disclose a form having apertures along the edge walls within which attachment mechanisms may be received to attach adjacent form panels together. However, Langkamp et al. '552 teaches, Figs. 3 and 7-9, application of attachment mechanisms 82 within apertures 80 along the edge walls of form panels, in order to attach adjacent form panels together. Therefore, to have formed the Japanese '624 reference form panel with apertures along the edge walls within which attachment mechanisms may be received as well as provide attachment mechanisms to attach adjacent form panels together would have been obvious to one having ordinary skill in the art at the time the invention was made as taught by Langkamp et al. '552.

**Claims 4 and 33-35 are rejected under 35 U.S.C. 103(a) as being unpatentable over Japanese reference 10-292624 (JP '624) in view of U.S. Patent No. 5,792,552 to Langkamp et al. as applied to claims 1, 3, 5, and 8-11 above, and further in view of either of U.S. Patent 5,431,366 to Matsumoto et al and U.S. Patent No. 6,148,575 to Dingler.**

The modified JP '624 panel does not appear to specifically disclose a form made of a polypropylene material that includes fiberglass strands. However, each of Matsumoto '366 and Dingler '575 teaches utilization of a form made of polypropylene material reinforced with fiberglass strands. Therefore, to have formed the form of JP '624 from a polypropylene material, (including polypropylene copolymer), reinforced with fiberglass strands, (as part of the filler material as well as the fiber mesh layer), thus providing a sturdy form panel, would have been obvious to one having ordinary skill in the art at the time the invention was made as taught by either of Matsumoto '366 and Dingler '575.

**Claims 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Japanese reference 10-292624 (JP '624) in view of U.S. Patent No. 5,792,552 to Langkamp et al. as applied to claims 1, 3, 5, and 8-11 above, and further in view of either of U.S. Patent 1,123,261 to Edison.**

As stated above JP '678 shows at least one cavity which intersects one of the braces as can be seen in Figs. 4, 9, and 12, (e.g. lower 6 of Fig. 9 and lower 5 of Fig. 12 as well as lower 5 of Fig. 4 intersect with a cavity). In any event, Edison discloses a

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form panel with a decorative pattern cavity intersecting one of the braces to provide support. Therefore, to have provided the JP '624 form panel with a cavity intersecting one of the braces, thus serving to provide support, would have been obvious to one having ordinary skill in the art at the time the invention was made as taught by Edison '261.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to M. Safavi whose telephone number is (571) 272-7046. The examiner can normally be reached on Mon.-Thur., 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lanna Mai can be reached on (571) 272-6867. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



PROCESSED (08/28/07)  
BY: [illegible]

M. Safavi  
August 28, 2007